

RAIN DURING THE PRESENT YEAR.

Mr. Luke Howard has furnished us with the following monthly amounts of rain for this year up to the end of August inclusive:—

January . . . .	0·83	}	4·69 first four months.
February . . . .	0·65		
March . . . . .	1·85		
April . . . . .	1·36		
May . . . . .	2 00	}	13·40 last four months.
June . . . . .	3·09		
July . . . . .	3·95		
August . . . . .	4·36		
18·09		in the eight months,	

the usual average of a year being 26 inches.

METEOROLOGICAL OBSERVATIONS FOR AUG. 1845.

*Chiswick*.—August 1. Fine: cloudy: overcast. 2. Very heavy rain. 3. Cloudy: showery: partially overcast. 4. Cloudy: fine: clear. 5. Showery. 6. Very fine. 7. Rain: thunder-showers in afternoon: clear. 8. Fine. 9. Rain: boisterous, with rain. 10. Overcast. 11. Heavy showers: thunder. 12. Overcast. 13. Slight rain: cloudy: showers. 14. Densely clouded. 15. Cloudy: clear and fine. 16, 17. Cloudy. 18. Very fine: rain. 19. Foggy: heavy rain. 20. Very clear: cloudy. 21. Very fine. 22. Cloudless and very fine. 23. Overcast: rain at night. 24. Very fine. 25. Foggy: very fine: rain at night. 26, 27. Fine. 28. Clear: cloudy. 29, 30. Bright sun and very fine. 31. Slight haze: very fine: overcast.—Mean temperature of the month 2° below the average.

*Boston*.—Aug. 1. Windy: rain yesterday (rain P.M.). 2. Fine: rain A.M. and P.M. 3. Cloudy. 4. Rain. 5. Cloudy: rain A.M. and P.M. 6. Cloudy. 7. Cloudy: hail and rain, with thunder. 8. Cloudy. 9. Cloudy: rain early A.M. 10. Cloudy: rain early A.M.; rain A.M. 11. Cloudy: rain P.M. 12. Cloudy: rain early A.M. 13. Cloudy. 14. Cloudy: rain A.M. and P.M. 15. Cloudy: rain early A.M.: rain P.M. 16—18. Cloudy. 19. Rain: stormy P.M.: rain A.M. and P.M. 20. Stormy. 21. Fine: rain P.M. 22. Fine. 23. Fine: rain P.M. 24. Fine. 25. Fine: rain P.M. 26. Fine: rain P.M., with thunder and lightning. 27. Fine. 28. Cloudy. 29, 30. Foggy. 31. Fine.—Not so much rain in one month since August 1831, nor so cold an August since August 1833.

*Sandwick Manse, Orkney*.—Aug. 1. Bright: clear. 2. Bright: cloudy. 3. Rain: rain and cloudy. 4. Rain: showers. 5. Cloudy: fine. 6. Bright: cloudy. 7. Damp: rain. 8. Much rain: rain. 9. Bright: clear. 10. Bright: damp. 11. Cloudy: drizzle. 12. Cloudy. 13. Cloudy: drizzle. 14, 15. Showers. 16. Showers: cloudy. 17. Bright: damp. 18, 19. Showers: cloudy. 20. Rain: showers. 21. Bright: cloudy. 22. Cloudy: rain. 23. Bright: showers. 24. Clear. 25. Rain: clear. 26. Much rain: rain. 27. Bright: clear. 28. Cloudy: clear. 29. Cloudy: damp. 30. Showers: drizzle. 31. Fog: drizzle.

*Applegarth Manse, Dumfries-shire*.—Aug. 1—3. Showery. 4. Rain heavy A.M. 5, 6. Slight showers. 7. Fine and fair: a few drops. 8. Fine and fair. 9. Rain all day. 10. Slight shower. 11. Fine: a few drops. 12—16. Fine. 17. Rain from 11 A.M. 18. Shower. 19. Showers. 20. Fair, but cloudy. 21. Fair and fine. 22. Fair, but cloudy: stormy and rain P.M. 23. Heavy showers. 24. Fine after one shower A.M. 25. Heavy rain: thunder. 26. Fine: one shower. 27. Fair and fine. 28. Very fine and clear. 29. Fine, but cloudy. 30, 31. Very fine.

Mean temperature of the month . . . . .	56°·4
Mean temperature of Aug. 1844 . . . . .	54 °6
Mean temperature for 23 years . . . . .	57 °0